

IN THE CLAIMS:

Page 8, line 1, please delete "PATENT CLAIMS" and insert therefore --What is Claimed is:--

Please amend the claims as follows:

1. (currently amended) A device ~~Device~~ for projecting a stereo color image upon a screen (S) including

a projection lamp (PL) for emission of a radiation spectrum,

a beam splitter (ST2) for separation of the radiation spectrum emitted from the projection lamp into a first partial light bundle (B1, G1, R1) and a second partial light bundle (B2, G2, R2) complimentary to the first part light bundle (B1, G1, R1),

~~two first and second color image modulators (FM1, FM2) for recording and reproducing the partial light bundles (B1, G1, R1, B2, G2, R2), wherein said first color image modulator (FM1) produces a half image comprised of said first partial light bundle (B1, G1, R1) and said second image modulator (FM2) produces a half image comprised of said second partial light bundle (B2, G2, R2), wherein after the color image modulators (FM1, FM2)~~

a beam integrator (SV) ~~is~~ provided subsequent to the color image modulators (FM1, FM2) for reuniting the first partial light bundle (B1, G1, R1) with the second partial light bundle (B2, G2, R2), and as well as

a lens system (Ob) for output of the therefrom resulting color image.

2. (currently amended) A device ~~Device~~ according to Claim 1, wherein the beam splitter (ST2) includes a splitter ~~first~~ dichroic mirror (D1) with triple band pass characteristic.

3. (currently amended) A device ~~Device~~ according to Claim 1 ~~or~~ 2, wherein the beam integrator (SV) includes ~~a second~~ an integrator dichroic mirror (D2) with triple band characteristic.

4. (canceled)

5. (currently amended) A device ~~Device~~ according to ~~one of Claims Claim 1 through 4~~, wherein the first partial light bundle is comprised of three first narrow transmission ranges (B1, G1, R1) and the second partial light bundle is comprised of three second narrow transmission ranges (B2, G2, R2) complimentary to the first transmission ranges, wherein the transmission ranges (B1, G1, R1, B2, G2, R2) lie within the wavelength ranges of the blue, green and red receptors of the human eye.

6. (currently amended) A device ~~Device~~ according to ~~one of Claims Claim 1 through 5~~, wherein the beam splitter (ST2) includes at least one splitter mirror.

7. (currently amended) A device ~~Device~~ according to ~~one of Claims Claim 1 through 6~~, wherein the beam integrator (SV) includes at least one integrator ~~further~~ mirror.

8. (currently amended) A device ~~Device~~ according to ~~one of Claims Claim 1 through 7~~, further including a pair of glasses (B) with interference filters (IF1, IF2) which provide different transmission characteristics for the left eye and the right eye,

which produce for the left eye a half image with the first transmission range (B1, G1, R1) and for the right eye a further half image with the second transmission range (B2, G2, R2) for stereoscopic vision.

Please add the following new claims:

9. (new) A device as in claim 1, wherein
the three transmission ranges B1, G1, R1 of the first dichroic mirror lie within the wavelength range for a dominant excitation of the blue, green and red receptors in the human eye, and
the second dichroic mirror exhibits three transparent or transmissive ranges B2, G2 and R2, which are within the wavelength range for a dominant excitation of the blue, green and red receptors in the human eye and which lie outside the transmission ranges B1, G1, R1 of the first dichroic mirror.
10. (new) A device as in claim 1, wherein beam recombination occurs in the manner, that the partial light bundle transmitted through the first dichroic mirror is reflected at the second dichroic mirror
11. (new) A device as in claim 1, wherein said first and second half images are reproduced from a recording medium on which is recorded a first half-image comprised of light in three transmission ranges B1, G1, R1 within the wavelength range for a dominant excitation of the blue, green and red receptors in the human eye, and a second half-image comprised of light in three transmissive ranges B2, G2 and R2, which are within the wavelength range for a dominant excitation of the blue, green and

red receptors in the human eye and which lie outside the transmission ranges B1, G1, R1 of the first dichroic mirror.

12. (new) A device as in claim 1, wherein the beam splitter spectrally separates the light emitted from the projection lamp into a first partial light bundle (B1, G1, R1) and a second partial light bundle (B2, G2, R2) complimentary to the first part light bundle (B1, G1, R1), wherein

one of said partial light bundles has a component within the wavelength range 435 - 455 nm and the other has a component within the wavelength range 460 - 480 nm,

one of said partial light bundles has a component within the wavelength range 510 - 530 nm and the other has a component within the wavelength range 535 - 555 nm, and

one of said partial light bundles has a component within the wavelength range 600 - 620 nm and the other has a component within the wavelength range 625 - 645 nm.